

### **DETAILED ACTION**

Applicant submits herewith a certified English translation of the priority document, Korean Patent Application No. 10-2002-0050134, which was filed on August 23, 2002. Since this priority document was filed before the filing date of Jeon, December 23, 2002. The instant application has properly antedated Jeon.

Claims 1-33 are cancelled.

### ***Allowable Subject Matter***

Claims 34-46 are allowed. The following is an examiner's statement of reasons for allowance:

Claim 34 is allowed since there is no prior teaches a liquid crystal display device comprising:

- a gate driver disposed on the substrate;
- a gate line connected to the gate driver and comprising a gate pad;
- a driving signal wire which transmits driving signals from an outside of the substrate to the gate driver and which comprises a first protrusion portion extended toward the gate pad, (see pages 7-9 in REMARK filed on 01/20/2010)

wherein

- the gate pad comprises a second protrusion portion extended toward the driving signal wire (see pages 7-9 in REMARK filed on 01/20/2010)
- the first protrusion portion is adjacent to and insulated from the second protrusion (by cutting 122 at dotted line L, see pages 7-9 in REMARK filed on 01/20/2010).

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Claims 34-38 are allowed since they depend on the allowed claim 34.

Claim 39 is allowed since there is no prior teaches a liquid crystal display device comprising:

- a plurality of gate drivers disposed on the substrate;
- each of the plurality of gate lines comprising a gate pad;
- a first driving signal wire which transmits driving signals from an outside of the substrate to the plurality of gate drivers, and a plurality of first connecting portions disposed between the first driving signal wire and the gate pad of each of the plurality of gate lines,

wherein

- a first end of each of the plurality of first connecting portions is connected to the first driving signal wire and a second end of each of the plurality of first connecting portions is connected to the gate pad (see page 10 in REMARK filed on 01/20/2010)
- each of the plurality of first connecting portions is divided into two parts (by cutting 122 at dotted line L, see page 10 in REMARK filed on 01/20/2010).

Claims 40-46 are allowed since they depend on the allowed claim 39.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

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accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

***Conclusion***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to HOAN C. NGUYEN whose telephone number is (571)272-2296. The examiner can normally be reached on MONDAY-THURSDAY:8:00AM-4:30PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Nelms can be reached on (571) 272-1787. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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